

Collaborative Centers for Parkinson's Disease Environmental Research



First Annual Meeting

**Hilton Garden Inn
3585 Solano Avenue
Napa, CA 94558**

July 23 – July 25 2003

Wednesday

6:00-9:00

July 23, 2003 (6:00 PM to 9:00 PM)

Pre-Conference Reception:

Wine and Cheese Reception
O'Brien Family Vineyard
1200 Orchard Avenue
Napa, CA 94558
(RSVP Required)



Thursday

July 24, 2003 (8:45 AM to 5:00 PM)

Hilton Garden Inn
3585 Solano Avenue
Napa, CA 94558
Tel: 1-707-252-0444



6:30 - 10:00

Breakfast

(Served in the hotel restaurant. Breakfast passes included in hotel key packet)

8:15 - 8:45

Registration

Morning Session:

8:45-9:00

Welcome and Introduction

J. William Langston, MD
CCPDER-CC Director and
Cindy Lawler, PhD
NIEHS Scientific Program Administrator

CCPDER Updates



9:00-10:15 Emory

Project 1 *New Models of PD: Pathogenesis and Neuroprotection*,
J. Timothy Greenamyre, MD, PhD

Project 2 *Vesicular Monoamine Transporter as a Target of Environmental Toxicants*
Gary W. Miller, PhD

Project 3 *Genetic and Pathological Study of Sporadic PD in Iceland and Atlanta*
Allan I. Levey, MD, PhD

10:15-10:30 Break

10:30-11:45 UCLA



Project 1 *Environmental toxins and genes that influence cytosolic dopamine*
Beate Ritz, MD, PhD

Project 2 *Interaction between pesticides and genetic alterations of dopamine homeostasis in mice*
Marie-Françoise Chesselet, MD, PhD

Project 3 *Pesticides and proteasomal dysfunction: Genetic susceptibility in cellular models*
Jeff Bronstein, MD, PhD

11:45 - 1:00 The Parkinson's Institute



Project 1 *Genes, Environment & PD:*

Studies in 4 Unique Cohorts

Caroline Tanner, MD, PhD and

Kathleen Giacomini, PhD

Project 2 *Neurotoxins, Oxidative Stress and*

Alpha-synuclein

Donato Di Monte, MD

Project 3 *Iron, Oxidative Stress, and Pesticides in*

Parkinson's disease

Julie Andersen, PhD

Project 4 *Nicotine and neuroprotection in nonhuman primates*

Maryka Quik, PhD and

J. William Langston, MD

1:00-2:00 Lunch

Afternoon Session:

2:00-4:30 Fostering Collaboration Among the Centers
J. William Langston, MD

1. *Histochemical evaluation of lesions*

J. Timothy Greenamyre, MD, PhD

2. *Behavioral Battery*

Marie Françoise Chesselet, MD, PhD

3. *Shared Resources*

J. William Langston, MD and

Caroline Tanner, MD, PhD

4. *Classification of toxic agents*

Donato Di Monte, MD

5. *VMAT*

Gary Miller, MD, PhD

6. *DOD supplemental funds*

Cindy Lawler, PhD

4:30-5:30

Breakout Sessions for Planning Specific Collaborations

7:00-9:00

Dinner

diamond creek vineyards

1500 Diamond Mountain Road
Calistoga, CA 94515

Friday

July 25, 2003 (8:45 AM to 12:30 PM)

6:30 - 10:00

Breakfast

Morning Session:

8:45-12:30

Symposium: Emerging areas in Parkinson's Disease Research

Topic: Proteasomal dysfunction and protein degradation

8:45 - 9:20

Welcome and Overview

J Johnston, PhD, and
D.A. Di Monte, MD

9:20 - 10:10

*Characterization and Regulation of RING Finger
Ubiquitin Protein Ligases*

Allan Weissman, MD
National Cancer Institute at Frederick

10:10 - 11:00

*Substrate Deubiquitination and Degradation by the 26S
Proteasome*

Robert Cohen, PhD
University of Iowa

11:00 - 11:20

Break

11:20 - 12:10 *New Insights into Substrate Delivery, and Recognition of Ubiquitinated Proteins by the Proteasome*
Kiran Madura , PhD
Robert Wood Johnson Medical School

12:10 - 1:00 *The Unfolded Protein Response: Dynamic Quality Control of Protein Folding in the Secretory Pathway*
Jason Brickner, PhD
U.C. San Francisco

1:00 - 1:30 Panel discussion
* 45 min presentation + 5 min for questions

1:30 - 2:30 Lunch

Afternoon Session:

2:00 - 4:30 Steering Committee Meeting

Special thanks to Jennifer Johnston and Dino Di Monte for organizing the mini-symposium.

Thanks also to NiVonne Thompson for organizing the meeting, Bijan Farzan for program design and artwork and Howard Taubman for IT support.